



## 8.5" LCD WIDESCREEN MONITOR

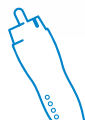
with 2 Camera AV Inputs

ACCESSORY - MONITOR



# INSTRUCTION MANUAL

Version 1.1



**Wired**

Model#  
**CLEARVU7**  
[www.svat.com](http://www.svat.com)



# NEED HELP?

## DO NOT RETURN THIS PRODUCT TO THE STORE

Please contact a SVAT customer support representative first regarding any additional information on product features, specifications or assistance with set-up.

Please contact us via one of the methods below:



Email:  
**support@svat.com**

Online live web chat:  
**Visit [www.svat.com](http://www.svat.com)**



Toll free telephone:  
**1.866.946.7828**



Toll free fax:  
**1.888.771.1701**

For more product information visit [www.svat.com](http://www.svat.com)

**Note:** This is manual version 1.1 for this product, you may find updated versions by visiting our website.

# PRODUCT WARRANTY INFORMATION

**Please visit our website at [www.svat.com](http://www.svat.com)  
for information about your product's warranty.**

We take quality very seriously. This is why all of our products come with a one year warranty from the original purchase date against defects in workmanship and materials. If you have warranty or support issues please contact us using any of the following methods:

Phone: 1.866.946.7828  
Fax: 1.888.771.1701  
Email: [support@svat.com](mailto:support@svat.com)  
Website: [www.svat.com](http://www.svat.com)

**SVAT Canada**  
4080 Montrose Road  
Niagara Falls, ON  
Canada L2H 1J9

**SVAT USA**  
2315 Whirlpool St., Unit 333  
Niagara Falls, NY  
USA 14305

## Warranty Terms

1. SVAT products are guaranteed for a period of one year from the date of purchase against defects in workmanship and materials. This warranty is limited to the repair, replacement or refund of the purchase price at SVAT's option.
2. This warranty becomes void if the product shows evidence of having been misused, mishandled or tampered with contrary to the applicable instruction manual.
3. Routine cleaning, normal cosmetic and mechanical wear and tear are not covered under the terms of this warranty.
4. The warranty expressly provided for herein is the sole warranty provided in connection with the product itself and no other warranty, expressed or implied is provided. SVAT assumes no responsibilities for any other claims not specifically mentioned in this warranty.
5. This warranty does not cover shipping costs, insurance, or any other incidental charges.
6. You **MUST** call SVAT before sending any product back for repair. You will be sent a Return Authorization form with return instructions. When returning the product for warranty service, please pack it carefully in the original box with all supplied accessories, and enclose your original receipt or copy, and a brief explanation of the problem (include RA #).
7. This warranty is valid only in Canada and the continental U.S.
8. This warranty cannot be re-issued.



## CAUTION

**RISK OF ELECTRIC SHOCK, DO NOT OPEN MONITOR**



TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (BACK).  
NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

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## WHAT IS INCLUDED



8.5" Widescreen LCD Monitor



Remote Control



2 RCA Female to 3.5mm Male  
A/V Cable Adapter



Power Adapter for  
LCD Monitor



Monitor Base



Wing Nut



Bolt



Side for Bolt



Side for Wing Nut



Center Piece

- Quick Start Guide
- Instruction Manual
- 1 Year Warranty
- 24/7 Online/ Toll Free Support

## BUTTON FUNCTIONS AND CONNECTIONS

### MONITOR



1. **8.5" LCD Screen** - Displays your footage.
2. **Power Button** - Turns LCD Monitor On/Off.
3. **3.5mm Headphone Jack** - Connect onto stereo headphones.
4. **AV1/AV2 In Port** - Connection to video input source.
5. **Power Input** - DC power input (12V)
6. **AV1/AV2 Button** - Switches input channels.
7. **Pict Button** - Changes the picture setting.
8. **Auto Button** - Automatically cycles through both input channels.
9. **Volume Increase/Decrease Button**
10. **UP/Down Arrow Button** - Navigates the onscreen menu.
11. **Menu Button** - Enters the onscreen menu.
12. **Mute Button** - Disables audio output.
13. **Speakers**
14. **Mounting Rail** - Used to adjust the height of the monitor.
15. **Adjustment Head** - Adjusts the angle of the monitor.

## REMOTE CONTROL



1. **Mute** – Turns audio off.
2. **Power** – Turns off power to LCD Screen.
3. **Channel Up/Up Navigation** – Used to navigate through menus.
4. **Volume Down**
5. **Menu** – Enters the onscreen menu and adjusts settings
6. **Volume UP**
7. **Channel Down/Down Navigation**
8. **Mode** - Standard, Soft, Vivid, Light, Personal
9. **Call** – Displays the input channel you are currently viewing, video format, and current time
10. **Timer** – Adjusts sleep timer settings
11. **Language** – Selects the desired language
12. **Calendar** – Enters the on screen calendar
13. **AV** – Switches between video inputs
14. **Flip Image Vertically**
15. **Flip Image Horizontally**


## INSTALLATION

### ASSEMBLING THE MONITOR MOUNT




1. Hold the adjustment head as shown above. Remove the wing nut by turning it counter-clockwise. Make sure you hold the adjustment head tightly while moving the wing nut.




2. Holding the adjustment head on its side as shown above, lift the side for bolt piece  and bolt.



3. Holding side for wing nut  and the center piece securely, as shown above, connect these pieces to the top of the mount stand.



4. While continuing to hold these pieces securely, insert side for bolt  (including bolt) into the center and other side piece as shown above.



5. While holding the adjustment head as shown, thread the wing nut onto the bolt by turning the wing nut clockwise.



6. If you need to adjust the mounting plate or adjustment head, loosen the wing nut slightly, adjust, and retighten.



7. If needed, loosen the mounting plate knob by turning it counter-clockwise. Slide the mounting plate into the monitor's mounting rail as shown.

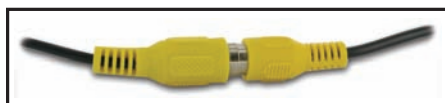


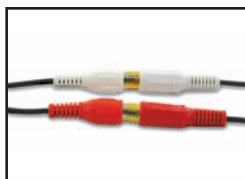
8. Secure the mounting plate to the monitor by turning the mounting plate knob clockwise.

## OPTION 1: CONNECTING TO SECURITY CAMERAS



1. Plug the 3.5mm to RCA (female) cable adapter into the AV1/IN port on the monitor. Plug the cable adapter into the headphone output.
2. Plug the camera's RCA output plug into the video input (yellow) end of the 3.5mm to RCA (female) cable adapter.
3. Repeat steps 1 and 2 for connecting a second camera to the AV2/IN port on the monitor.





4. If the camera supports audio, connect the RCA audio cable of the camera (red or white) to one of the audio inputs (red or white) on the 3.5mm to RCA (female) cable adapter.
5. Ensure that the cameras are plugged in.

## OPTION 2: CONNECTING TO A DVR



1. Plug the 3.5mm to RCA (female) cable adapter into the AV1/IN port on the monitor.
2. Plug the other end of the RCA cable adapter (not included) into the female end of the 3.5mm to RCA (female) cable adapter. If your VIDEO OUT port is a BNC connection, you will need to attach a BNC Connector (not included) before connecting the RCA cable.



3. Plug one end of an RCA cable adapter (not included) into the DVR's VIDEO OUT port.
4. If the DVR supports audio, connect an RCA audio cable to the DVR's AUDIO OUT, and connect the other end of the AUDIO OUT cable to one of the audio inputs (red or white) on the 3.5mm to RCA (female) cable adapter. Make sure that audio is enabled on the DVR.



5. Ensure that the DVR is plugged in and powered on.

## POWERING ON



1. Plug the monitor's power adapter into a wall outlet.
2. Plug the other end of the power adapter into the DC IN port on the monitor.
3. Press the POWER button on the front of the unit.
4. Your cameras/DVR should now be displayed on the LCD screen.

**NOTE:** If your camera does not display on the screen, press the AV1/AV2 button to switch video inputs.



## BASIC OPERATION

1. For manual switching between video Inputs, press the AV1/AV2 button on the monitor or AV on the remote control to switch between video inputs.
2. Press the AUTO button on the monitor to activate auto mode, which will automatically cycle between both inputs. Pressing it once will set the cycle interval to 4 seconds. Pressing it again will set the cycle interval to 6 seconds. Pressing AUTO a third time will set the cycle interval to 8 seconds, and pressing the Auto button a fourth time will turn off auto mode.

## ADJUSTING SETTINGS

Press the menu button to display the following options:

PICTURE, OPTION, CLOCK, SYSTEM

### PICTURE



1. Press the menu button once to display the PICTURE menu.
2. In this menu you can adjust Contrast, Brightness, Color, Sharpness, and Tint.
3. Use the channel up and down buttons on the monitor or remote to select the desired setting, and use the volume buttons to increase or decrease the values.
4. Press the MENU key 3 times to exit the PICTURE menu.

**NOTE:** Picture quality can vary by environment. You can press PICT on the monitor or remote to cycle between STANDARD, SOFT, VIVID, LIGHT, and PERSONAL viewing modes.

### OPTION



1. Press the menu button twice to display the OPTION menu.
2. In this menu you can adjust Language, Calendar, and Auto Change Source.
3. To change the language, select it and use the volume keys to scroll through the available languages (English, Russian, German, Italian, Chinese, Dutch, Arabic, Spanish, Portuguese, French).
4. To view the calendar, select it and press the volume up button. To scroll through the months, use the volume up and down buttons. To scroll between years, use the channel up and down buttons. Press menu to exit calendar mode.
5. The auto change source option provides the same functionality as pressing the AUTO button. Select it, and use the volume buttons to change the interval time between OFF, 4s, 6s, and 8s.

## CLOCK



1. Press the menu button three times to display the CLOCK menu.
2. In this menu you can adjust the Time, On-Time, Off-Time, and Attention Mode time
3. To adjust the time, select it and press the volume down button to adjust the hour. Press the decrease volume button to adjust the minute. You must set the time before you can adjust the other settings in this menu.
4. To adjust the on-time (the time you want the monitor to turn on), select it and press the volume down button to adjust the hour. Press the volume up button to adjust the minute.
5. To adjust the off-time (the time you want the monitor to turn off), select it and press the volume down button to adjust the hour. Press the increase volume button to adjust the minute.
6. The attention mode time allows you to set up a flashing "ATTENTION" message that will notify you in advance before the monitor turns off. You must have the off-time set to use this function. Set the attention mode time a few minutes before the off-time. To set it up, select it and press the volume down button to adjust the hour. Press the volume up button to adjust the minute.

## SYSTEM



1. Press the menu button four times to display the SYSTEM menu.
2. In this menu you can adjust Color System, Blue Backlight Option, Horizontal Flip, and Vertical Flip.
3. The color system is defaulted to AUTO (recommended) to automatically switch between NTSC and PAL. To change the color system to NTSC or PAL, select the desired settings by using the volume buttons.
4. The blue backlight option is defaulted to ON. To turn it off and display a black background instead, select it and press the increase volume button.
5. The image on the screen can be flipped vertically or horizontally. To flip the image horizontally, select HORIZONTAL and press the increase volume button. This can also be changed directly using the remote.
6. To flip the image vertically, select VERTICAL and press volume down. This can also be changed directly using the remote.
7. "Zoom" refers to the aspect ratio. Press the volume up or down button to switch between 4:3 and 16:9. 16:9 is wide screen mode.

# TROUBLESHOOTING



Before calling technical support, try the following troubleshooting tips:

Problem	Solution
No picture displayed on LCD screen	<ul style="list-style-type: none"><li>- Check all connections to make sure camera/DVR is powered on and connected to the AV1 or AV2 input of the monitor.</li><li>- Make sure the monitor is powered on.</li></ul>
No sound	<ul style="list-style-type: none"><li>- Ensure that the camera/DVR connected supports sound and that sound is enabled on the camera/DVR.</li><li>- Check all connections to ensure that the RCA Audio cable is connected to the monitor.</li><li>- Make sure that the volume is not turned down or muted on the monitor or DVR/camera.</li></ul>
Upside-down or inverted picture	<ul style="list-style-type: none"><li>- Press the horizontal/vertical flip buttons to fix the picture.</li></ul>
Distorted Color/Too Bright or Dark	<ul style="list-style-type: none"><li>- Check the picture options to make sure that color, brightness, and contrast are set properly.</li></ul>
Black bars on side of the image.	<ul style="list-style-type: none"><li>- Go to system setup and adjust the zoom from 4:3 to 16:9.</li></ul>

## SPECIFICATIONS

Display .....	8.5" Color LCD
Resolution.....	480×234
Source of Light.....	CCFL
Video Inputs.....	2 x 3.5mm jack (RCA to 3.5mm wire provided)
Auto Video Sequence .....	Yes
Audio Input.....	2 x 3.5mm jack (RCA to 3.5mm wire provided)
Audio Output .....	3.5mm headphone jack
LCD Profile Ratio.....	16:9, 4:3
Contrast Ratio .....	300:1
Brightness.....	300cd/m2
Response Time(ms).....	Tr:24/Tf:36 (max)
Viewing Angle .....	U:15° D:35° R/L:55°
On/Off Timer .....	Yes
Sleep Timer .....	Yes
Languages .....	English, French, Spanish, Italian, Russian, German, Dutch, Portuguese, Arabic
Adjustable Screen Settings .....	Contrast, Brightness, Color, Sharpness
Speaker Wattage.....	0.3W x 2
LED Indicators .....	Power
Housing Material .....	Plastic
Housing Color.....	Graphite Grey
Power Input .....	DC 12V 1200mA
Power Adapter Input.....	AC 100-240V (switching adapter)
Operating Temperature.....	32F-104F
Operating Humidity .....	<80%
Monitor Mount .....	Yes
Remote Control .....	Yes
Dimensions (with stand).....	9"x7.5"x5.25"
Weight (with stand).....	1.65lbs

# CRIME STOPPERS INTERNATIONAL


## Crime Stoppers International Mission Statement

To develop Crime Stoppers as an effective crime-solving organization throughout the world, with the primary objective of the tri-partite organization, Community, Media and Law Enforcement, being, Working Together to Solve Crime.

## Crime Stoppers International Vision Statement

To create a safe, secure world, through justice, for our children and children's children.

## Crime Stoppers Worldwide Statistics



Arrests Made	753,975
Cases Cleared	1,200,585
Rewards Paid	\$88,590,398
Property Recovered	\$1,937,437,996
Drugs Seized	\$7,159,096,086
Total \$ Recovered	\$9,096,534,082
As of Oct 15, 2008.	

## WE SUPPORTS CRIME STOPPERS

Crime Stoppers programs are operated as non-profit charities and are managed by a volunteer board of directors who raise funds and pay rewards to individuals who anonymously call with information that helps solve crime.

Rewards are paid for tips that lead to the arrest and indictment of people charged with felony offenses, and to date Crime Stoppers statistics show a conviction rate of approximately 95%.

To receive more information about Crime Stoppers or to make a charitable donation please visit the Crime Stoppers website:

**[www.c-s-i.org](http://www.c-s-i.org)**

# VISIT US ON THE WEB!

- ▶ Product Information
- ▶ User Manuals
- ▶ Quick Start Guides
- ▶ Specification Sheets
- ▶ Software Updates
- ▶ Firmware Upgrades

[www.svat.com](http://www.svat.com)

## Disclaimer

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**Wired**

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